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› EVERCROSS EV85F Electric Scooter User Manual

EVERCROSS EV85F

EVERCROSS EV85F Electric Scooter User Manual

Model: EV85F

1. INTRODUCTION

Thank you for choosing the EVERCROSS EV85F Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

The EVERCROSS EV85F is designed for urban commuting, featuring an 8.5-inch foldable design, a 350W motor, a 7.8AH battery, and a dual braking system for a comfortable and secure riding experience.



Image: The EVERCROSS EV85F Electric Scooter in use, showcasing its compact design and key specifications.

2. SAFETY GUIDELINES

Your safety is paramount. Always adhere to the following guidelines:

- **Wear a Helmet:** Always wear a certified helmet and other protective gear (knee pads, elbow pads) when riding.
- **Local Regulations:** Familiarize yourself with and obey all local traffic laws and regulations regarding electric scooters.
- **Weight Limit:** Do not exceed the maximum load capacity of 120 kg (265 lbs).
- **Weather Conditions:** Avoid riding in heavy rain, snow, or icy conditions. Solid tires may have reduced grip on wet surfaces.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, and all fasteners to ensure they are secure and functioning correctly.
- **Awareness:** Be aware of your surroundings, pedestrians, and other vehicles. Maintain a safe distance.
- **Age Recommendation:** This scooter is recommended for adults.

Front & Rear Suspension

Dual suspension smooths out bumps and uneven terrain. Enjoy a stable, comfortable ride on city streets and parkway.



Dual Braking System

Combining e-brake and rear disc brake, this system ensures reliable, responsive stopping power in all riding conditions.

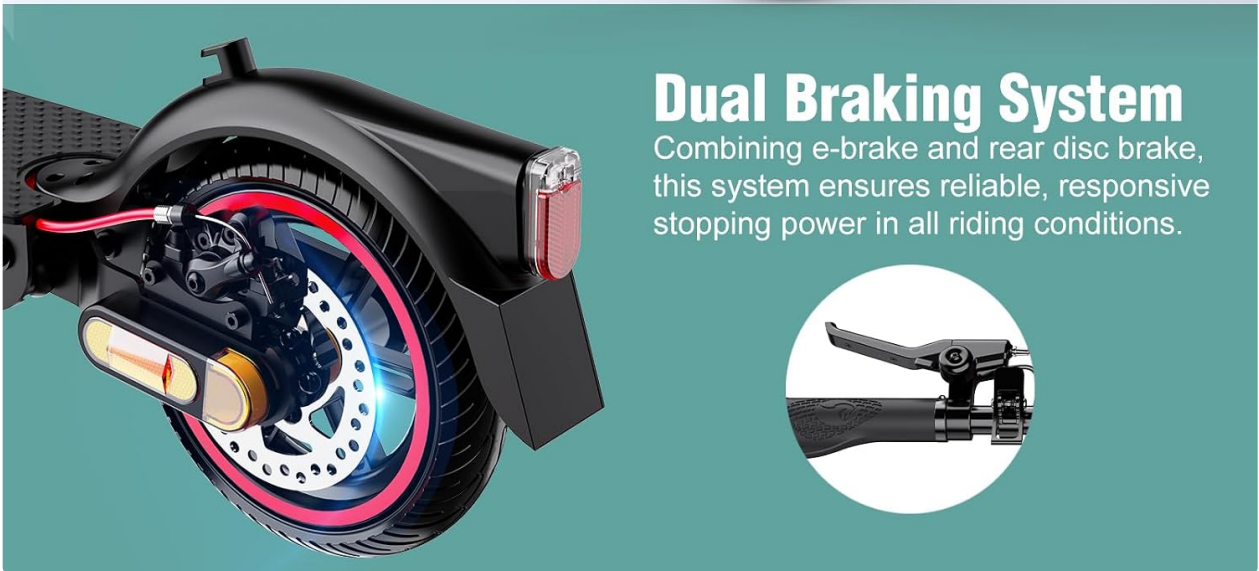


Image: Detailed view of the front suspension and rear disc brake, illustrating the scooter's safety features.

3. PACKAGE CONTENTS

Upon opening the box, please verify that all items are present and in good condition:

- 1 x EVERCROSS EV85F Electric Scooter
- 1 x Power Adapter for Charging
- 1 x User Manual
- Necessary Assembly Tools (e.g., Allen wrench)

4. PRODUCT OVERVIEW

The EV85F electric scooter integrates several features for performance and user convenience:

- **Motor:** 350W brushless motor for efficient power delivery.
- **Battery:** 7.8AH lithium battery, offering a range of up to 30 km under ideal conditions.
- **Wheels:** 8.5-inch solid rubber tires for durability and puncture resistance.

- **Braking System:** Dual system combining E-ABS electronic brake and a rear disc brake for reliable stopping power.
- **Suspension:** Dual front and rear shock absorbers for a smoother ride over varied terrain.
- **Display:** Clear LED display showing speed, battery level, and riding data.
- **Connectivity:** APP control via "EVERCROSS PRO" for monitoring and settings adjustments.
- **Lighting:** Bright LED headlight, red rear taillight, and front/rear turn signals for enhanced visibility.
- **Folding Mechanism:** Quick-fold design for easy storage and transport.

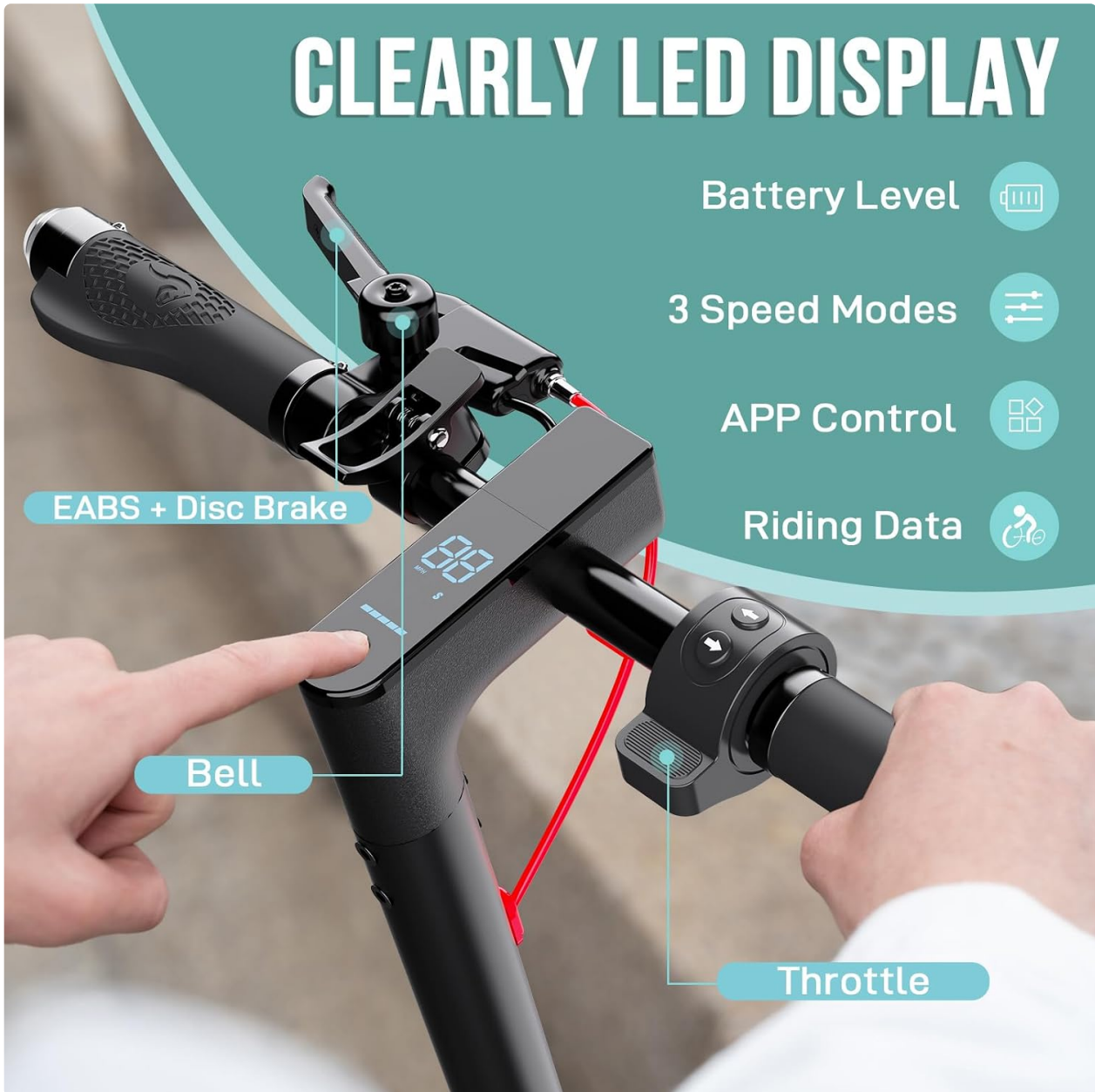


Image: The scooter's handlebar area, showing the LED display and control layout.

350W BRUSHLESS MOTOR

Powerful | Durable | Easy to Climb | Ideal for City Traffic

 **3**
Speed Mode

 **12°**
Climping Slope

 **25 KM/H**
Max. Speed



Image: An exploded view of the 350W brushless motor, highlighting its components.

POWERFUL LITHIUM BATTERY

Powering your ride with a 7.8Ah battery for up to 30 km(18.6 Miles). Our integrated BMS ensures comprehensive protection for safe, reliable, and long-lasting performance.



Image: A cutaway view of the scooter's deck, revealing the 7.8AH lithium battery cells.

5. SETUP

5.1 Assembly

1. Carefully remove the scooter and all components from the packaging.
2. Unfold the main stem of the scooter until it locks into place.
3. Attach the handlebar to the stem. Secure it using the provided screws and tools (typically 4 screws). Ensure it is firmly attached and does not wobble.
4. Check all connections and ensure they are tight before first use.

5.2 Initial Charging

Before your first ride, fully charge the scooter's battery. Connect the power adapter to the charging port on the scooter and then to a power outlet. The LED indicator on the charger will change color (e.g., red to green) when charging is complete. Do not overcharge the battery.

5.3 App Connection

Download the "EVERCROSS PRO" app from your smartphone's app store. Follow the in-app instructions to pair your scooter via Bluetooth. The app allows you to monitor speed, distance, battery life, adjust settings, and lock/unlock the scooter.

3 SECONDS TO FOLD



Image: The scooter in its folded state, demonstrating its portability.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Press and hold the power button on the LED display to turn the scooter on or off.

6.2 Speed Modes

The EV85F offers 3 speed modes: 12 KM/H, 20 KM/H, and 25 KM/H. You can switch between modes using the button on the display or through the EVERCROSS PRO app. Select a speed mode appropriate for your environment and skill level.

6.3 Riding

1. Place one foot on the deck and push off with the other foot to gain initial momentum.
2. Once moving, gently press the throttle lever to engage the motor.
3. Place your other foot on the deck. Maintain balance and steer by leaning.

6.4 Braking

To slow down or stop, release the throttle and gently squeeze the brake lever on the handlebar. The dual braking system (E-ABS and disc brake) provides effective stopping. Apply brakes smoothly to avoid sudden stops.

6.5 Lights and Turn Signals

Activate the LED headlight for night riding. Use the turn signals to indicate your direction to others. The red taillight enhances visibility from behind.

Front & Rear Turn Signals

Make safe turns with flashing yellow signals. They alert others to your direction, day or night, for confident city riding.



Bright Front Headlight

Powerful LED light illuminates your nighttime path. See obstacles clearly and ride with after-dark confidence.



Clear Rear Taillight

Be seen from behind. The red taillight keeps you visible in dim conditions and bad weather.



Image: The scooter's lighting system, including front and rear turn signals and the headlight.

7. MAINTENANCE

7.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its lifespan.
- Avoid completely draining the battery.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

7.2 Cleaning

Wipe the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water, as this can damage electronic components.

7.3 Tire and Brake Inspection

Regularly check the solid tires for any damage or wear. Inspect the brake system for proper function and adjust if necessary. Ensure brake cables are not frayed.

8. TROUBLESHOOTING

If you encounter issues with your EVERCROSS EV85F, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; loose power connection	Charge the battery; check power button and connections.
Reduced range or power	Low battery; heavy load; uphill riding; cold weather	Fully charge battery; reduce load; note that performance varies with conditions.
Brakes not effective	Brake cable adjustment needed; worn brake pads	Adjust brake cable tension; inspect and replace brake pads if necessary.
App connection issues	Bluetooth off; app not updated; scooter not in pairing mode	Ensure Bluetooth is on; update app; restart scooter and app.

If the problem persists, please contact customer support for assistance.

9. SPECIFICATIONS

Feature	Detail
Model Name	EV85F
Motor Power	350W
Battery Capacity	7.8AH
Max Range	Up to 30 km
Max Load	120 kg (265 lbs)
Net Weight	15 kg (33 lbs)

Feature	Detail
Wheel Size	8.5 inches (Solid)
Speed Modes	12 KM/H, 20 KM/H, 25 KM/H
Braking System	E-ABS + Disc Brake
Suspension Type	Dual Suspension (Front & Rear)
Unfolded Dimensions	108L x 47.6W x 114H cm
Folded Dimensions	108L x 47W x 46H cm
Material	Aluminum Alloy
Age Range	Adults



Image: Visual representation of the scooter's dimensions in both unfolded and folded states.

10. WARRANTY AND SUPPORT

The EVERCROSS EV85F Electric Scooter comes with a standard product warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, warranty claims, or any questions not covered in this manual, please contact EVERCROSS customer service. Keep your purchase receipt as proof of purchase for warranty services.